# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Friday 29 Sep 2023 until 23:59 on Saturday 30 Sep 2023

Forecast Issued on Friday 29 Sep 2023 at 00:26

**Confidence:** High confidence in a largely fine day on Friday, moderate in arrival time of low cloud and rain on Saturday. Low confidence in low cloud and precipitation details on Sunday and Monday.

**Headline for Friday 29 Sep 2023:** Largely dry with sunny spells.

**Mountain weather hazards on Friday 29 Sep 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| FOG | | | | | |
| Fog | Sunny intervals | Sunny intervals | Sunny intervals | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | |
| <05% | 10% | 10% | 10% | <05% | 10% |

**Forecast for Friday 29 Sep 2023**

**Weather:** Cloud may cover some hills at first but this will quickly lift, with a mixture of sunny spells and cloud for the rest of the day. The odd isolated shower is possible but most places will remain dry.

**Chance of cloud-free hill tops above 600m:** 50%, becoming near 100% by mid-morning.

**Low cloud and visibility:** Areas of low cloud likely with base around 300-500m at first, but this will quickly lift clear of all hills by mid-morning. Very poor visibility in early low cloud covering hills, otherwise very good throughout the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Mountain Weather Forecast

**Forecast for Friday 29 Sep 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 18/25 W | 22/30 W | 25/34 W | 22/30 W | 15/23 W | 14/21 SW | 12/18 SW |
| **300** | 13/20 W | 17/24 W | 20/29 W | 17/25 W | 10/18 W | 10/18 SW | 9/16 SW |
| **Valley** | 8/18 W | 12/23 W | 16/30 W | 15/29 W | 8/19 W | 6/16 SW | 5/13 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/5 | 9/5 | 11/7 | 11/7 | 10/7 | 9/6 | 8/5 |
| **300** | 11/8 | 11/8 | 14/10 | 14/11 | 12/11 | 11/9 | 10/8 |
| **Valley** | 11/10 | 12/10 | 14/12 | 15/12 | 13/11 | 12/10 | 11/10 |
| **Freezing Level*** | 1600m | 1700m | 1700m | 1900m | 1800m | 1900m | 1900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling chilly in the wind at height.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Fri 29 Sep 2023 | N/A | N/A | N/A |

**Forecast for Saturday 30 Sep 2023**

**Weather:** A chilly start is possible, but largely fine during the morning, with some hazy sunshine through high cloud. Cloud will thicken and lower into the afternoon, with spells of heavy rain possible, clearing towards midnight.

**Maximum wind:** Southerly 10-15mph gusting 20-25mph, increasing to 20mph gusting 35mph.

**Chance of cloud-free hill tops above 600m:** 90% becoming 30%

**Low cloud and visibility:** Good visibility in most places during the morning, with high cloud well above the summits. This will gradually lower during the afternoon, becoming extensive above 400-500m during the evening. Visibility will be moderate or poor in any heavier rain, and very poor where cloud covers hills.

**Temperature:** **Valleys:** Plus 6 Celsius becoming plus 14 Celsius
**At 600m:** Plus 10 Celsius
**Freezing level:** Above the summits

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